

Title (en)
DEVICE FOR LIMITING THE BENDING RADIUS OF A FLEXIBLE DUCT

Title (de)
VORRICHTUNG ZUR BESCHRÄNKUNG DES BIEGERADIUS EINER FLEXIBLEN ROHRLEITUNG

Title (fr)
DISPOSITIF LIMITEUR DE COURBURE D'UNE CONDUITE FLEXIBLE

Publication
EP 0910723 A1 19990428 (FR)

Application
EP 98912546 A 19980225

Priority
• FR 9800369 W 19980225
• FR 9703095 A 19970314

Abstract (en)
[origin: US6220303B1] The invention concerns a device for limiting the bending radius of a flexible duct comprising at least a bend stiffener arranged around one length of the flexible duct and fixed by a rear part on a fixed end support, characterized in that it further comprises an element for maintaining the bend stiffener arranged between the flexible duct and the bend stiffener and comprising at least a portion capable of flexural bending extending over one length of the flexible duct located at least between the rear part and the end of the bend stiffener.

IPC 1-7
E21B 43/01; **E21B 43/013**; **F16L 35/00**; **E21B 17/01**

IPC 8 full level
E21B 17/01 (2006.01); **E21B 43/01** (2006.01); **E21B 43/013** (2006.01); **F16L 35/00** (2006.01)

CPC (source: EP US)
E21B 17/017 (2013.01 - EP US); **E21B 43/0107** (2013.01 - EP US); **E21B 43/0135** (2013.01 - EP US); **F16L 35/00** (2013.01 - EP US)

Citation (search report)
See references of WO 9841729A1

Cited by
CN106159811A

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 6220303 B1 20010424; AT E250177 T1 20031015; AU 6734198 A 19981012; AU 725311 B2 20001012; BR 9804779 A 19990817; CA 2255119 A1 19980924; CA 2255119 C 20070814; CN 1220717 A 19990623; DE 69818187 D1 20031023; DK 0910723 T3 20040126; EP 0910723 A1 19990428; EP 0910723 B1 20030917; FR 2760813 A1 19980918; FR 2760813 B1 19990409; NO 316725 B1 20040419; NO 984995 D0 19981027; NO 984995 L 19990113; OA 10922 A 20030221; WO 9841729 A1 19980924; ZA 981661 B 19980903

DOCDB simple family (application)
US 18066398 A 19981112; AT 98912546 T 19980225; AU 6734198 A 19980225; BR 9804779 A 19980225; CA 2255119 A 19980225; CN 98800292 A 19980225; DE 69818187 T 19980225; DK 98912546 T 19980225; EP 98912546 A 19980225; FR 9703095 A 19970314; FR 9800369 W 19980225; NO 984995 A 19981027; OA 9800220 A 19981113; ZA 981661 A 19980227